Presentation to the

THE AMERICAN WATERWAYS OPERATORS

by

Colonel duane gapinski, p.e.

Commander, rock island district

AUGUST 18, 2005

Upper Mississippi River-Illinois Waterway System Navigation Study Now: Navigation & Ecosystem Sustainability Program

Program Area

- **37 Lock Sites**
- **1,200 Miles of River**

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Scope Of Study

Focus on authorized federal navigation projects & the ecological & floodplain resources that are affected by these projects.

Original study
(1993-2000) → **Relieve congestion.**

Restructured study
(2001-2004) → **Relieve congestion.**

→ **Achieve environmental sustainable system.**

Study Vision

"To seek long-term sustainability of the economic uses and ecological integrity of the Upper Mississippi River System"

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Upper Mississippi River-Illinois Waterway System Navigation Study Now: Navigation & Ecosystem Sustainability Program

- **Chief's of Engineer's Report Signed Dec. 2004.**
- **Estimated construction start date: FY2007 (contingent on authorization)**
- **Scheduled completion date: FY2021 (contingent on authorization)**
- **Authorization status**

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Recommended Navigation Efficiency Improvements

$2.03 Billion in first 15 years (CG/IWTF)

- Mooring facilities @ locks 12, 14, 18, 20, 22, 24 & LaGrange*
- Switchboats @ locks 20-25*
- Adaptive implementation of 1200’ chambers at locks 20-25 (22*, 25*), LaGrange* & Peoria
- Mitigation for site specific & system effects
- Continued study & monitoring

* Initiate design in FY05

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Ecosystem Restoration Implementation

$1.58 Billion In First 15 Years

- Fish passage @ dams 4, 8, 22* & 26*
- Changes in water level control @ dams 25 and 16 (25*)
- Adaptive implementation of 225 small projects of less than $25 million each
  - Island building*
  - Water level management*
  - Backwater/side channel restoration*
  - Wing dam/dike alterations*
  - Island shoreline protection*
- 35,000 acres of floodplain restoration
- Continued study & monitoring

* Initiate design in FY05

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FY05 Implementation Plan

- Work allowance $11.3 M (Congressional Add)
- 32 new projects
- Programmatic projects (5) $1.9M
- Navigation efficiency projects (8) $4.8M
- Ecosystem restoration projects (19) $4.6M
- Primary activities focused on:
  - Decision documents (planning)
  - Engineering & design
  - Collection Of pre-project monitoring data
  - Site specific evaluations
  - Public meetings

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Competitive Sourcing --Why?

- To comply with the President's Management Agenda
- All federal agencies are required to conduct A-76 competitions
- USACE will compete approximately 7,500 positions over a 5-year period
- Each individual competition will be repeated every 5 years

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Possible Timeline

- Public announcement (Clock Starts)
- Solicitation +11 months
- Proposal due +4 months
- Decision +2 months
- Award +6 months

Approximately 2 years

- Transition complete +12 months

Approximately 3 years

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